

10781442

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 AUG 09 INSPEC enhanced with 1898-1968 archive
NEWS 4 AUG 28 ADISCTI Reloaded and Enhanced
NEWS 5 AUG 30 CA(SM)/CAplus(SM) Austrian patent law changes
NEWS 6 SEP 11 CA/CAplus enhanced with more pre-1907 records
NEWS 7 SEP 21 CA/CAplus fields enhanced with simultaneous left and right
truncation
NEWS 8 SEP 25 CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS 9 SEP 25 CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS 10 SEP 25 CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS 11 SEP 28 CEABA-VTB classification code fields reloaded with new
classification scheme
NEWS 12 OCT 19 LOGOFF HOLD duration extended to 120 minutes
NEWS 13 OCT 19 E-mail format enhanced
NEWS 14 OCT 23 Option to turn off MARPAT highlighting enhancements available
NEWS 15 OCT 23 CAS Registry Number crossover limit increased to 300,000 in
multiple databases
NEWS 16 OCT 23 The Derwent World Patents Index suite of databases on STN
has been enhanced and reloaded
NEWS 17 OCT 30 CHEMLIST enhanced with new search and display field
NEWS 18 NOV 03 JAPIO enhanced with IPC 8 features and functionality
NEWS 19 NOV 10 CA/CAplus F-Term thesaurus enhanced
NEWS 20 NOV 10 STN Express with Discover! free maintenance release Version
8.01c now available
NEWS 21 NOV 13 CA/CAplus pre-1967 chemical substance index entries enhanced
with preparation role
NEWS 22 NOV 20 CAS Registry Number crossover limit increased to 300,000 in
additional databases
NEWS 23 NOV 20 CA/CAplus to MARPAT accession number crossover limit increased
to 50,000
NEWS 24 NOV 20 CA/CAplus patent kind codes will be updated
NEWS 25 DEC 01 CAS REGISTRY updated with new ambiguity codes

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8
NEWS X25 X.25 communication option no longer available

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:10:34 ON 06 DEC 2006

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 09:10:51 ON 06 DEC 2006

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STRUCTURE FILE UPDATES: 5 DEC 2006 HIGHEST RN 914910-45-5

DICTIONARY FILE UPDATES: 5 DEC 2006 HIGHEST RN 914910-45-5

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

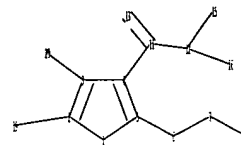
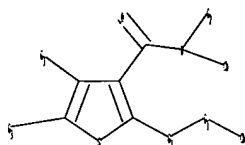
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10781442rce.str

10781442



chain nodes :
6 7 8 11 12 13 15 16 19 20
ring nodes :
1 2 3 4 5
chain bonds :
2-19 3-20 4-11 5-6 6-7 7-8 11-12 11-13 12-15 12-16
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
2-19 3-20 5-6 6-7 7-8 11-12 11-13 12-15
exact bonds :
1-2 1-5 2-3 3-4 4-5 4-11 12-16
isolated ring,systems :
containing 1 :

G1:N,S02

G2:H,Ak

G3:H,OH,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,s-BuO,t-BuO,X,Cy,Ak

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 11:CLASS
12:CLASS 13:CLASS 15:CLASS 16:Atom 19:CLASS 20:CLASS

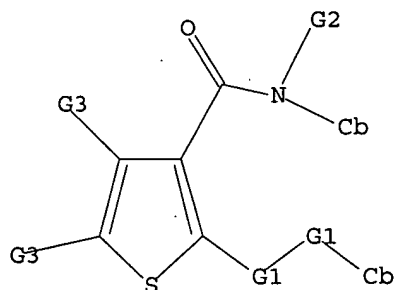
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L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 N, SO2

G2 H, Ak

G3 H, OH, MeO, EtO, n-PrO, i-PrO, n-BuO, i-BuO, s-BuO, t-BuO, X, Cy, Ak

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 09:11:15 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 2346 TO ITERATE

85.3% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 44015 TO 49825
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 09:11:20 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 46849 TO ITERATE

100.0% PROCESSED 46849 ITERATIONS
SEARCH TIME: 00.00.02

5 ANSWERS

L3 5 SEA SSS FUL L1

=> fil hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

166.94

167.15

FILE 'HCAPLUS' ENTERED AT 09:11:29 ON 06 DEC 2006
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FILE COVERS 1907 - 6 Dec 2006 VOL 145 ISS 24
FILE LAST UPDATED: 5 Dec 2006 (20061205/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

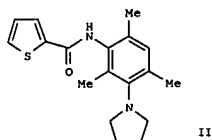
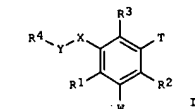
=> s l3

L4 2 L3

=> d ed abs ,ibib hitstr 1-2

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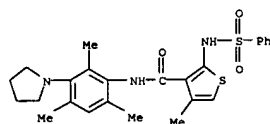
L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN
 ED Entered STN: 04 Mar 2005
 GI



AB The invention relates to a preparation of urotensin II receptor antagonists and CCR-9 antagonists of formula I (wherein: R1, R2, and R3 are independently selected from H, halogen, alkyl, aryl, or CN, etc.; X is CH2, O, or NH, etc.; Y is SO2, C(O), CH2SO2, NHC(O), or NHSO2, etc.; T and W are independently selected from H, (cyclo)alkyl, alkoxy, aryl, or halogen, etc.; R4 is aryl, heterocyclyl, or cycloalkyl). For instance, thiophenecarboxamide derivative II was prepared via amidation of thiophene-2-carboxylic acid by [2,4,6-trimethyl-3-(pyrrolidin-1-yl)phenyl]amine. The invention compds. were tested for inhibition of human urotensin II-induced Ca²⁺ mobilization in UTR cells (IC50 > 0.5 μM).

ACCESSION NUMBER: 2005:185392 HCAPLUS
 DOCUMENT NUMBER: 142:280229
 TITLE: A preparation of urotensin II receptor antagonists and CCR-9 antagonists
 INVENTOR(S): Wu, Chengda; Anderson, C. Eric; Bui, Huong; Gao, Daxin; Kassir, Jamal; Li, Wen; Wang, Junmei;
 Biediger, Ronald; Chen, Jie; Market, Robert V.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 33 pp., Cont.-in-part of U.S. Ser. No. 781,442.
 CODEN: USXXCO

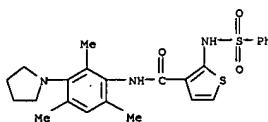
L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



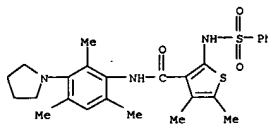
L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 2005049286 | A1 | 20050303 | US 2004-924180 | 20040823 |
| US 2004180892 | A1 | 20040916 | US 2004-781442 | 20040218 |
| PRIORITY APPLN. INFO.: | | | US 2003-448791P | P 20030220 |
| | | | US 2004-781442 | A2 20040218 |

OTHER SOURCE(S): MARPAT 142:280229
 IT 847414-56-6P 847414-58-8P 847414-59-9P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 [Preparation of urotensin II receptor antagonists and CCR-9 antagonists]
 RN 847414-56-6 HCAPLUS
 CN 3-Thiophenecarboxamide, 2-[(phenylsulfonyl)amino]-N-[2,4,6-trimethyl-3-(1-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)

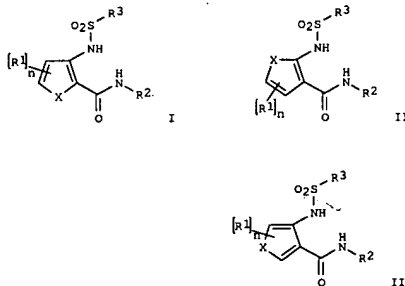


RN 847414-58-8 HCAPLUS
 CN 3-Thiophenecarboxamide, 4,5-dimethyl-2-[(phenylsulfonyl)amino]-N-[2,4,6-trimethyl-3-(1-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)



RN 847414-59-9 HCAPLUS
 CN 3-Thiophenecarboxamide, 4-methyl-2-[(phenylsulfonyl)amino]-N-[2,4,6-trimethyl-3-(1-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN
 ED Entered STN: 12 Apr 2002
 GI



AB The title compds. [I-III]: X = S, O; R1 = H, alkyl, aryl, etc.; R2, R3 = alkyl, haloalkyl, alky; interrupted by one or more O or S atoms, etc.; n = 0-3, useful for treatment of chronic renal failure and uremic bone disease, were prepared E.g., a 4-step synthesis of I [X = S; R1 = H; R2 = 4-FC6H4; R3 = Ph], starting with Me 3-aminothiophene-2-carboxylate, was presented. Biol. data were given.

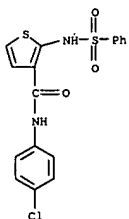
ACCESSION NUMBER: 2002:275753 HCAPLUS
 DOCUMENT NUMBER: 136:309843
 TITLE: Preparation of thiophenes as phosphate transport inhibitors
 INVENTOR(S): Weinstock, Joseph; Franz, Robert G.
 PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA
 SOURCE: PCT Int. Appl., 66 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 2002028353 | A2 | 20020411 | WO 2001-US31318 | 20011005 |
| WO 2002028353 | A3 | 20020711 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, | | | | |

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L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
AU 2002013048 A5 20020415 AU 2002-13048 20011005
PRIORITY APPLN. INFO.: US 2000-238068P P 20001005
WO 2001-US31318 W 20011005

OTHER SOURCE(S): MARPAT 136:309843
IT 409364-73-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
(preparation of thiophenes as phosphate transport inhibitors)
RN 409364-73-4 HCAPLUS
CN 3-Thiophenecarboxamide, N-(4-chlorophenyl)-2-[(phenylsulfonyl)amino]-
(9CI) (CA INDEX NAME)



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=> fil reg

| | | |
|--|------------|---------|
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 20.34 | 187.49 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| CA SUBSCRIBER PRICE | -1.50 | -1.50 |

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STRUCTURE FILE UPDATES: 5 DEC 2006 HIGHEST RN 914910-45-5
DICTIONARY FILE UPDATES: 5 DEC 2006 HIGHEST RN 914910-45-5

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experimental property data in the original document. For information
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| | | |
|--|------------|---------|
| => log y | | |
| COST IN U.S. DOLLARS | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| FULL ESTIMATED COST | 7.92 | 195.41 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE | TOTAL |
| | ENTRY | SESSION |
| CA SUBSCRIBER PRICE | 0.00 | -1.50 |

STN INTERNATIONAL LOGOFF AT 09:24:50 ON 06 DEC 2006